Amendment Under 37 C.F.R. §1.116
U.S. Patent Appln. No. 09/348,425

Docket No. 6169-125
IBM Docket No BOC9-1999-0036

PENDING CLAIMS

1.   (Previously Cancelled)   In a computer system adapted for speech recognition, a method for executing a voice command in the form of a spoken utterance, comprising the steps of:

receiving a user input corresponding to said spoken utterance;

processing said user input to identify a pattern of words forming said spoken utterance which match a pre-determined command pattern;

identifying a computer system command corresponding to said pre-determined command pattern, said computer system command having a least one parameter;

extracting said at least one parameter from a dictation portion of said voice command exclusive of said pattern of words; and

processing said computer system command to perform an event in accordance with said at least one command parameter.

2.   (Previously Cancelled)   The method according to claim 1 wherein at least one word forming said dictation portion of said voice command is embedded within said pattern of words matching said command pattern.

3.   (Previously Cancelled)   The method according to claim 1 wherein said step of identifying said computer system command is performed by using a translation rule.

4.   (Previously Cancelled)   The method of claim 1 wherein said dictation portion of said voice command is comprised of any set of words in a voice recognition engine vocabulary.

5.   (Previously Cancelled)   The method of claim 4 wherein said event includes inserting said dictation portion at a specified location defined by said computer system.

6.   (Previously Cancelled)   The method of claim 1 wherein a plurality of said pre-determined command patterns are provided.

7.   (Previously Cancelled)   The method of claim 5 wherein each of said plurality of command patterns belongs to at least one pre-determined command pattern set.

8.   (Previously Cancelled)   The method of claim 6 wherein a command pattern in any of said sets can only be matched when said set is in an active state.

9.   (Previously Cancelled)   The method of claim 8 wherein said set is placed in an active state when said computer system is in a pre-defined computer system operating state.

10.   (Previously Cancelled)   The method of claim 1 further comprising the step of:
       providing recognized text to a software application if no pattern of words forming said spoken utterance, matches said pre-determined command pattern.

11.   (Previously Cancelled)   A computer speech recognition system for executing a voice command in the form of a spoken utterance, comprising:
       receiver means for receiving a user input corresponding to said spoken utterance;
       processor means for processing said user input to identify a pattern of words forming said spoken utterance which match a pre-determined command pattern;
       identification means for identifying a computer system command corresponding to said pre-determined command pattern, said computer system command having at least one parameter;
       means for extracting said at least one parameter from a dictation portion of said voice command exclusive of said pattern of words;
       wherein said processor means processes said computer system command to perform an event in accordance with said at least one command parameter.

12. (Previously Cancelled)   The system of claim 11 wherein at least one word forming said dictation portion of said voice command is embedded within said pattern of words matching said command pattern.

13. (Previously Cancelled)   The system of claim 11 wherein said identification means uses a translation rule to identify said computer system command.

14. (Previously Cancelled)   The system of claim 11 wherein said dictation portion of said voice command is comprised of any set of words in a voice recognition engine vocabulary.

15. (Previously Cancelled)   The system of claim 14 further comprising an insertion means, wherein said event includes said insertion means inserting said dictation portion of said voice command at a specified location defined by said computer system.

16. (Previously Cancelled)   The system of claim 11 wherein a plurality of said pre-determined command patterns are provided.

17. (Previously Cancelled)   The system of claim 16 wherein each of said plurality of command patterns belongs to at least one pre-determined command pattern set.

18. (Previously Cancelled)   The system of claim 17 wherein a command pattern in any of said sets can only be matched when said set is in an active state.

19. (Previously Cancelled)   The system of claim 18 wherein said set is placed in an active state when said computer system is in a pre-defined system operating state.

Amendment Under 37 C.F.R. §1.116   Docket No. 6169-125
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20.   (Previously Cancelled)   The system of claim 11 wherein said processor means provides recognized text to a software application if no pattern of words forming said spoken utterance matches said pre-determined command pattern.

21.   (Previously Cancelled)   A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

   receiving a user input corresponding to a voice command in the form of spoken utterance;

   processing said user input to identify a pattern of words forming said spoken utterance which match a pre-determined command pattern;

   identifying a computer system command corresponding to said pre-determined command pattern, said computer system command having at least one parameter;

   extracting said at least one parameter from a dictation portion of said voice command exclusive of said pattern of words; and

   processing said computer system command to perform an event in accordance with said at least one command parameter.

22.   (Previously amended)   In a speech recognition system, a method of processing a voice command comprising:

   identifying a voice command having a voice command component and a dictation component within a contiguous utterance, wherein said voice command component is specified by a command grammar and said dictation component is free-form text which is not specified by said command grammar, and wherein said dictation component is embedded within said voice command; and

   executing said identified voice command component using at least a part of said dictation component as an execution parameter of said voice command.

23.   (Previously Added) The method of claim 22, wherein said executing step comprises:

loading a translation rule and linking said voice command component to an application command using said translation rule; and

providing said application command to an associated computing application.

24.   (Previously Added) The method of claim 23, wherein said providing step comprises providing said at least a part of said dictation component as a parameter of said application command to said associated computing application.

25.   (Previously Added) The method of claim 24, wherein said providing step further comprises inserting said at least a part of said dictation component in a text field of said associated computing application.

26.   (Previously Added) The method of claim 22, wherein said executing step comprises providing said voice command component to an associated computing application for processing, and further providing said at least a part of said dictation component as a parameter of said voice command to said computing application.

27.   (Previously amended)   A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

identifying a voice command having a voice command component and a dictation component within a contiguous utterance, wherein said voice command component is specified by a command grammar and said dictation component is free-form text which is not specified by said command grammar, and wherein said dictation component is embedded within said voice command; and

executing said identified voice command component using at least a part of said dictation component as an execution parameter of said voice command.

28.   (Previously Added) The machine-readable storage of claim 27, further comprising:

Amendment Under 37 C.F.R. §1.116
U.S. Patent Appln. No. 09/348,425

Docket No. 6169-125
IBM Docket No BOC9-1999-0036

loading a translation rule and linking said voice command component to an application command using said translation rule; and

providing said application command to an associated computing application.

29.   (Previously Added) The machine-readable storage of claim 28, wherein said providing step comprises providing said at least a part of said dictation component as a parameter of said application command to said associated computing application.

30.   (Previously Added) The machine-readable storage of claim 29, wherein said providing step further comprises inserting said at least a part of said dictation component in a text field of said associated computing application.

31.   (Previously Added) The machine-readable storage of claim 27, wherein said executing step comprises providing said voice command component to an associated computing application for processing, and further providing said at least a part of said dictation component as a parameter of said voice command to said computing application.